

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

50X1-HUM  
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This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

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COUNTRY	East Germany	REPORT	
SUBJECT	VEB Volkswerft Stralsund (Nationalized Shipyard at Stralsund): New Assembly Installation and Construction of TROPIK Trawlers	DATE DISTR.	24 JUL 1962
		NO. PAGES	3
		REFERENCES	RD
DATE OF INFO.	<i>Export of Trawlers to Russia through Sudoimport</i>		
PLACE & DATE ACQ.		FIELD REPORT NO.	50X1-HUM

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New Assembly Installation

1. A ship assembly installation with a new launching system has been constructed at VEB Volkswerft Stralsund at points 1 and 2 indicated in Attachment 1. The assembly installation where the ships are built as if on a transverse slip is about 300 meters long and 60 meters wide. The installation has four so-called swan-neck cranes of East German manufacture. The cranes have a maximum lifting capacity of 15 (sic) tons and can be moved on rails along the entire assembly installation.
2. Section building for TROPIK trawlers is done in the hall at point 3 of Attachment 1. The sections built there are brought by the cranes to the assembly installation where they are welded together. At present, nine TROPIK trawlers are under construction at this installation.
3. Each ship is supported on transverse constructions carried by trucks. Twenty trucks, 10 on each side, are placed under each ship. The trucks are equipped with two independently-working hydraulic systems whereby a cylinder on top of the truck and one on the underside can be moved up and down.
4. In order to maneuver a ship from the assembly installation to the lift, roughly the following procedure is adopted:
  - a. The transverse construction, point 1 in Attachment 3, is supported in the conventional way (point 5).
  - b. The hydraulic cylinders which bear this construction are retractile (point 2).

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GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION

STATE	<input checked="" type="checkbox"/> ARMY	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> NSA	<input checked="" type="checkbox"/> OCR	DIA	<input checked="" type="checkbox"/> AID
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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-2-

50X1-HUM

- c. The cylinder under the truck pushes it upward and the wheels come free of the rails (point 3).
  - d. The trucks are turned one-quarter turn and, after they sink again, they are standing on cross rails which are perpendicular to the water's edge.
  - e. The trucks take over the lower support and the temporary lower support is taken away.
  - f. The ship, supported by 20 trucks on 10 tracks, is driven over to the shore and then put into the water by a hydraulic hoist system (Hebevorrichtung).
5. This hoist system has ten parts, each borne by two cylinders. Each part has a track for the trucks. This system is said to have become operational on 15 April 1962. The hoisting installation is 68-70 meters long. A TROPIK trawler is about 71 meters long. The ship is launched by lowering the ~~trawler~~ the hoist until the ship is afloat. After the ship is launched, it lies between the shore and a concrete installation (pier). In this concrete area which closes off the hoist system, (see Attachment 2) are the built-in pump installations of the hydraulic system. The operating area for the hoist system is shown at point 1a of Attachment 1.

#### Construction of TROPIK Trawlers

6. Nine TROPIK trawler fishing ships are under construction at the assembly installation described above. It is said that the first ship of this series  will be launched 20 April 1962. 50X1-HUM
7. Technical data on these TROPIK trawlers includes the following:

Completely welded;  
 Type: E.S. trawler;  
 Length: 71 meters (between lead lines);  
 Width: 13.2 meters;  
 Draft fore: 4.2 meters;  
 Draft aft: 5.7 meters;  
 Displacement: 2900 tons;  
 Speed: 12.5 Km / 1650 PSE  
 Ship tested: Wageningen (test station);  
 Test model report 2089;  
 Class: Bureau: German Lloyd E + ;  
 Class: USSR

Ice breaker reinforcement;  
 Two engines + engine generator 310 PSE Karl Liebknecht;  
 Type R 8 - DV 148;  
 Number of cylinders: 8;  
 Cargo: None  
 APK  $\sqrt{A}$  horsepower max: 2 x 670 PSE + 310 PSE;  
 N engine: 340;  
 N shaft: 150;  
 Total capacity: 1815 PSE with 10% overloading;  
 Propeller: 1 (lips adjustable);  
 Number of blades: 4;  
 Direction of revolution: left;  
 Propelling power 'post': 21950;

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50X1-HUM

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50X1-HUM

- 8. The trawlers are for Sudoimport and will sail under the Soviet flag.
- 9. At the yard there is a seven-to-eight-man supervisory committee for these ships. The head of the electrical section is named Titov (phonetic spelling) and the head of the mechanical section is named Stupin(phonetic spelling).
- 10. The first TROPIK trawler [redacted] which was built at the Neptune yard in Rostock, was turned over to the owner on 3 April 1962. Its home port is Kaliningrad.

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Attachments:

[redacted]

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Attachment 1: Artist's sketch diagram of Volkswerft Stralsund with key to the individual installations (2 pages).

Attachment 2: Artist's sketch diagram of the construction sites of the nine ships under construction and diagram of the hoisting system (2 pages).

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[redacted] the following 3 photographs: [redacted]

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- 1. View of the launching assembly at Volkswerft Stralsund [redacted]
- 2. View of TROPIK trawler [redacted]
- 3. View of TROPIK trawler [redacted]

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[redacted]

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People's Shipyard  
at Stralsund

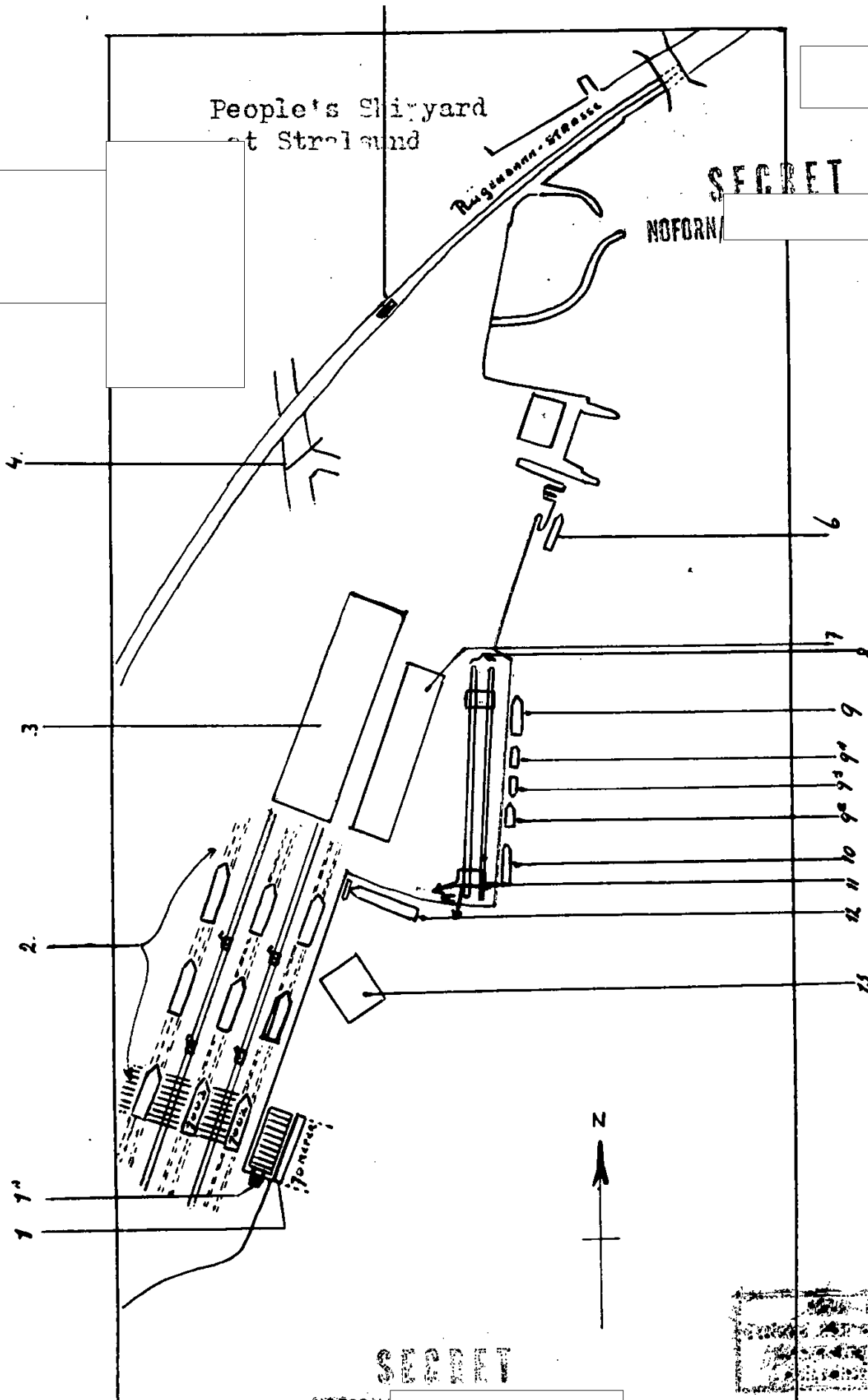
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1. Lift, so-called "Hebevorrichtung" for launching ships
- 1a. Operating house for the hydraulic lift system
2. Assembly installation where 9 Tropik trawlers presently under construction.
3. Large work hall for section building of Tropik trawlers
4. Entrance gate to the V.E.B. People's yard
5. Station
6. Medium trawler under Soviet flag undergoing repairs.  
15 of them are lying here for guaranty maintenance.
7. Work hall belong to the yard used for section building of medium trawlers.
8. Two movable tower cranes along a shed.
9. Refrigerator ship for the medium trawlers
- 9a. Tropik trawler being completed. 9b,9c same.
10. Refrigerator ship for medium trawlers
11. Crane from which photo in enc. 4 taken.
12. Refrigerator ship for medium trawlers for USSR being completed
13. Work pontoon

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CIA-RDP80T00246A063500220001-2 on site with

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nine ships under construction

Attache 50X1-HUM

Hydraulic lift consisting of ten parts. Each part is supported by two hydraulic cylinders. A track at each part.

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Spec.

concrete area in which is engine room or pump rooms of the hydraulic system

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concrete platform

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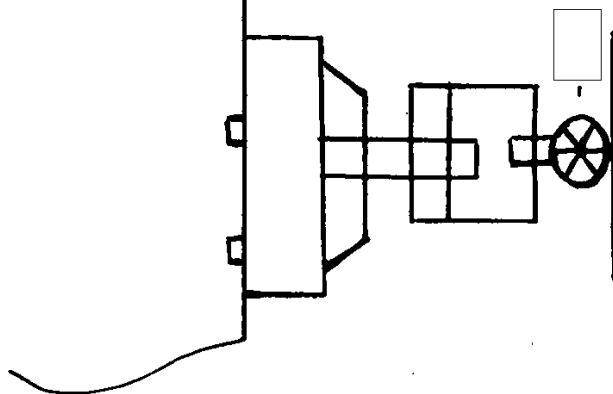
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Operating area for hydraulic

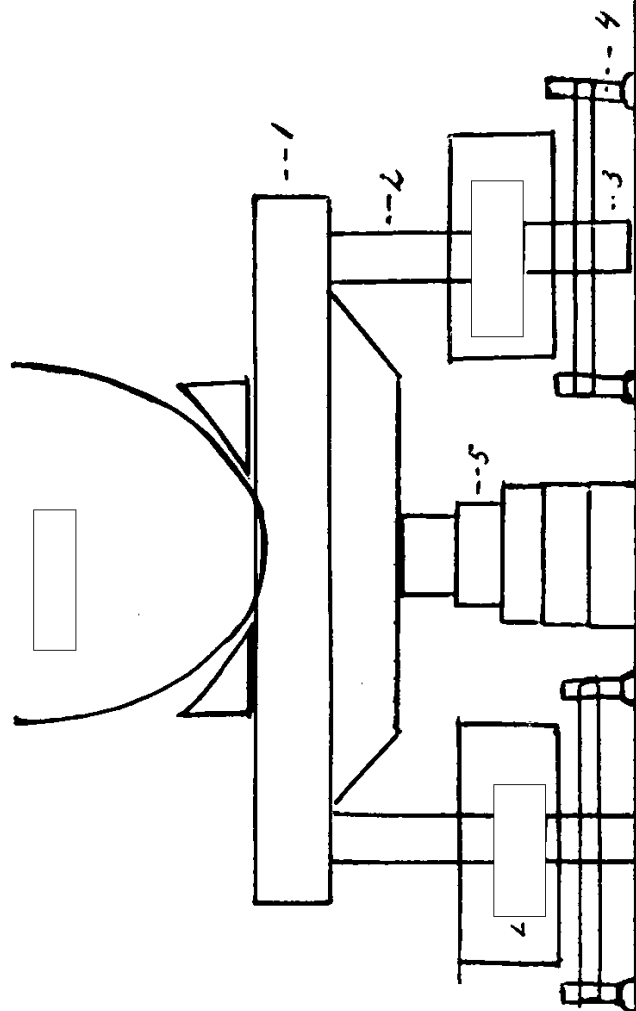
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1. under support beam;  
transverse construc-  
tion
2. Hydraulic cylinder  
on top
3. Hydraulic cylinder  
underneath
4. Wheels
5. Undersupport for  
when trucks are  
being adjusted

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INFORMATION REPORT INFORMATION REPORT

22



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50X1-HUM

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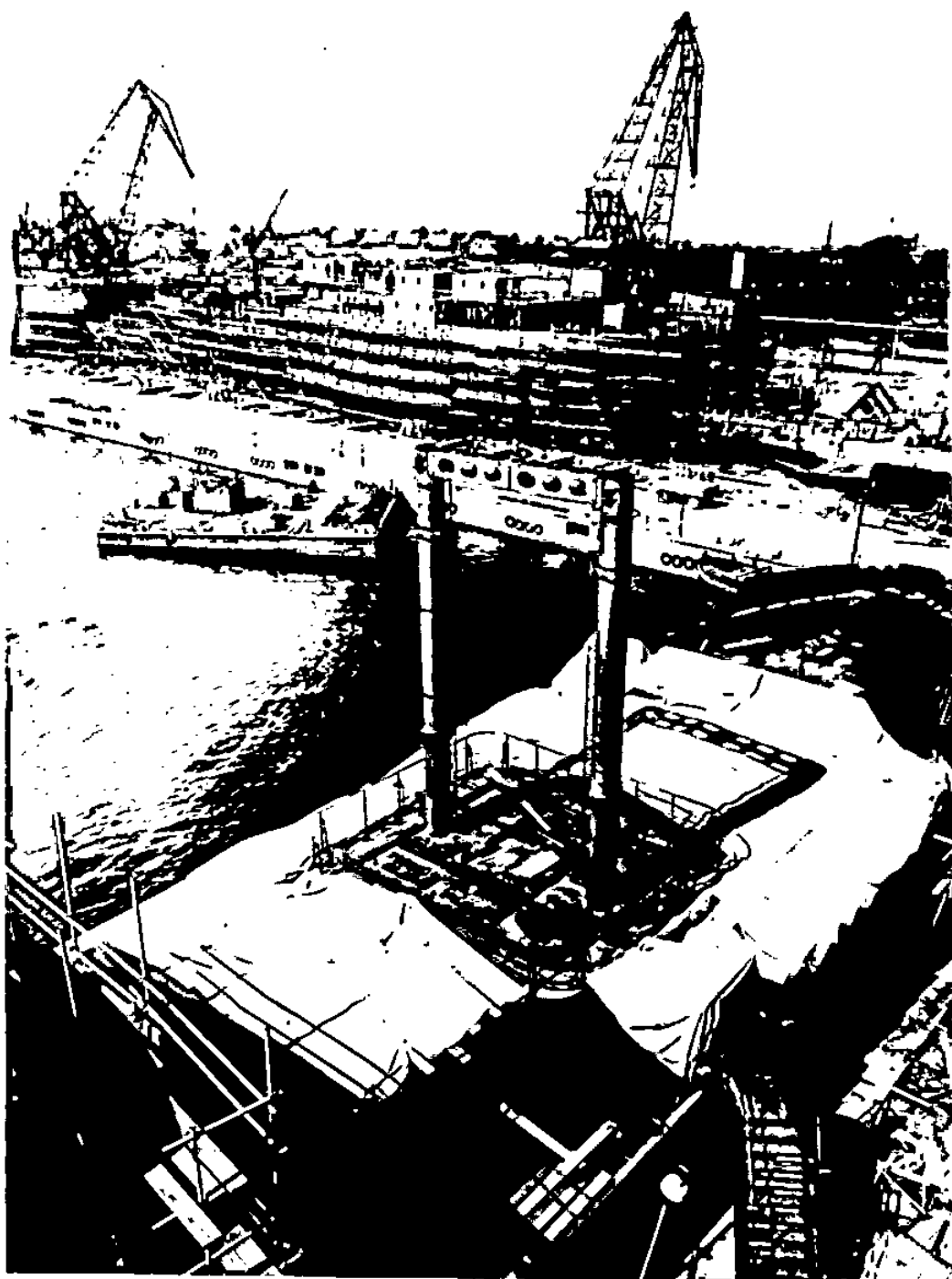
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GERMANY MECKLENBERG-VOR  
VEB VOLKSWERFT STRALSUND

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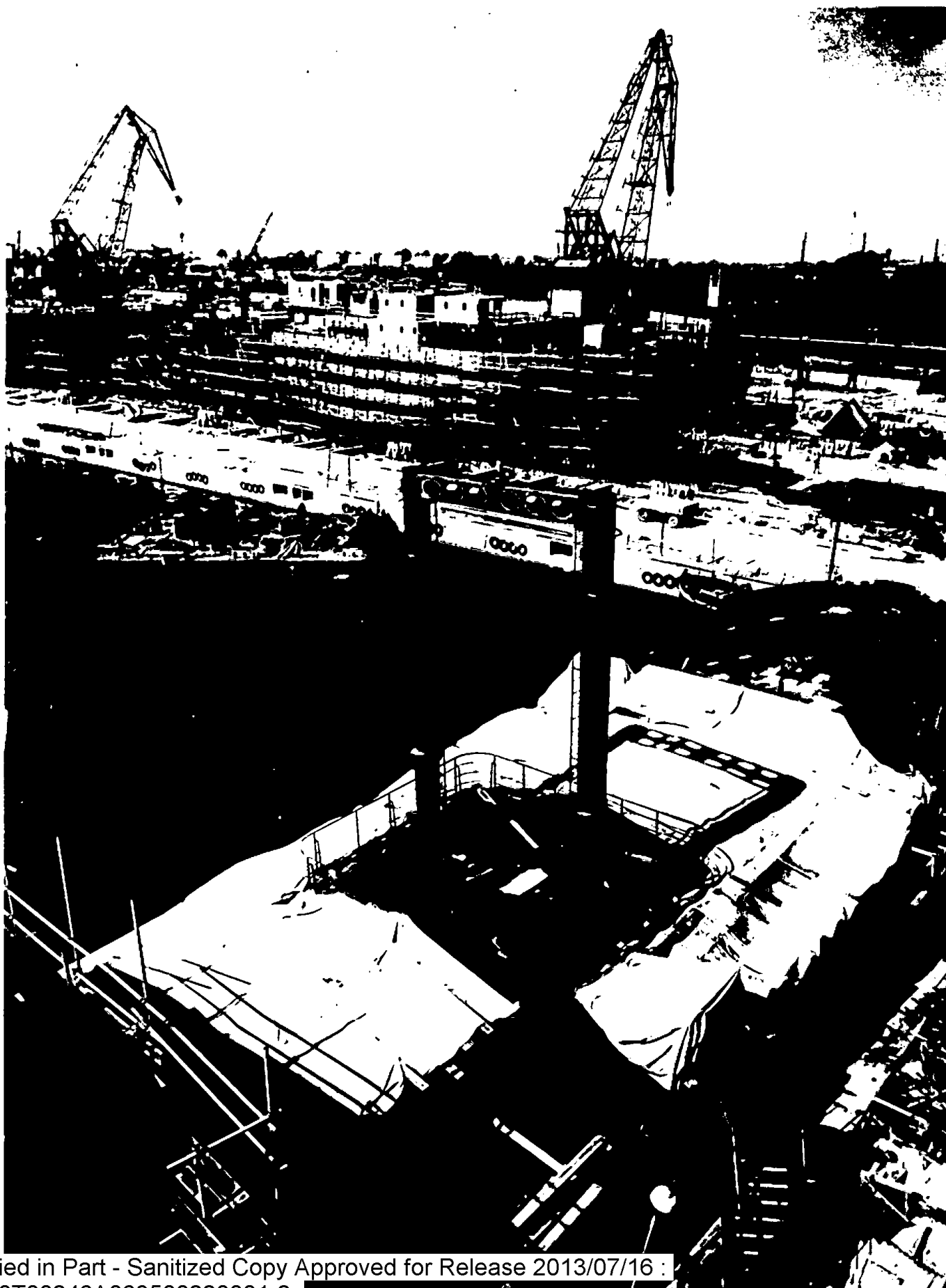
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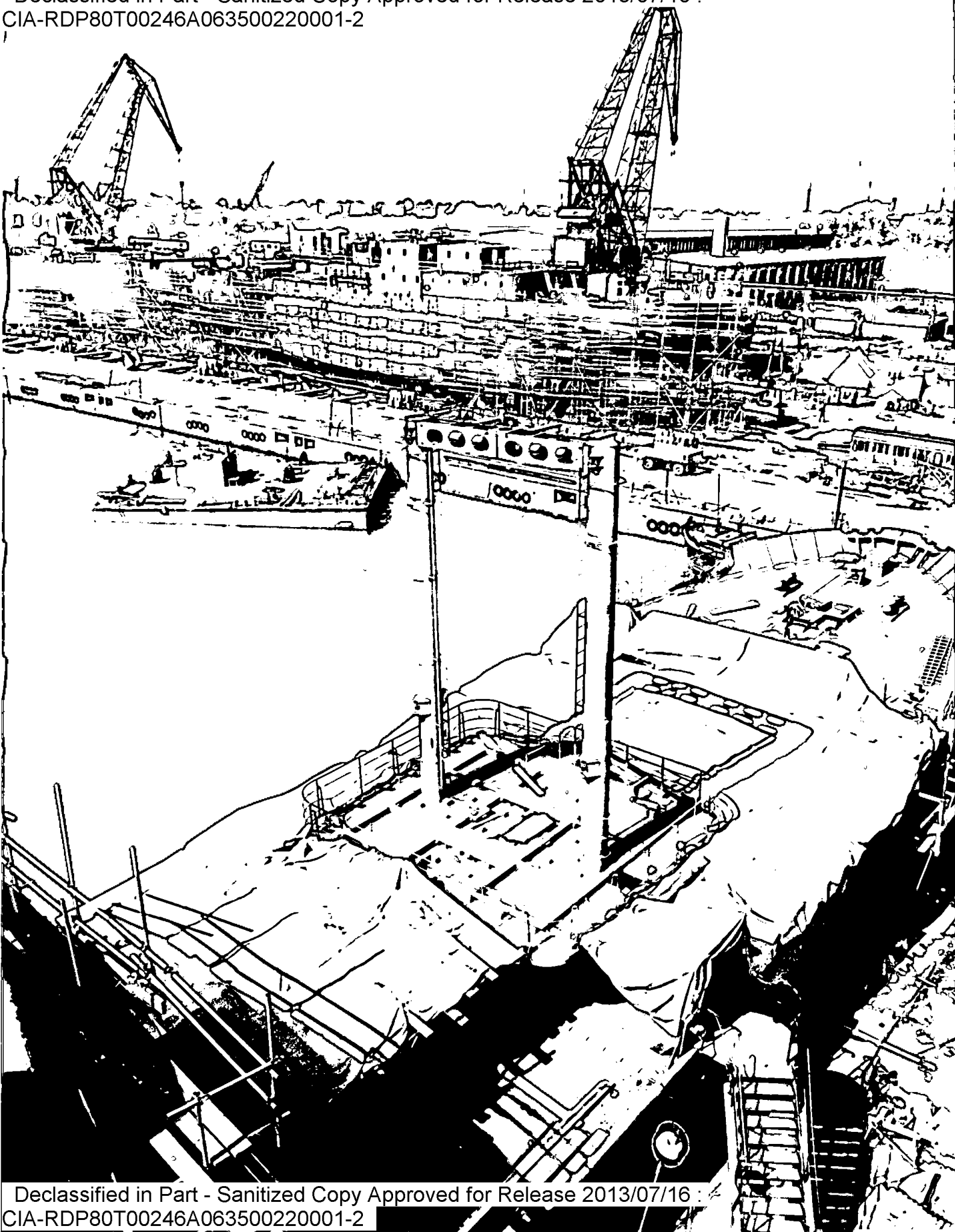
WERN STRALSUND 54 18 N 13 06 E  
SUMMER 1961

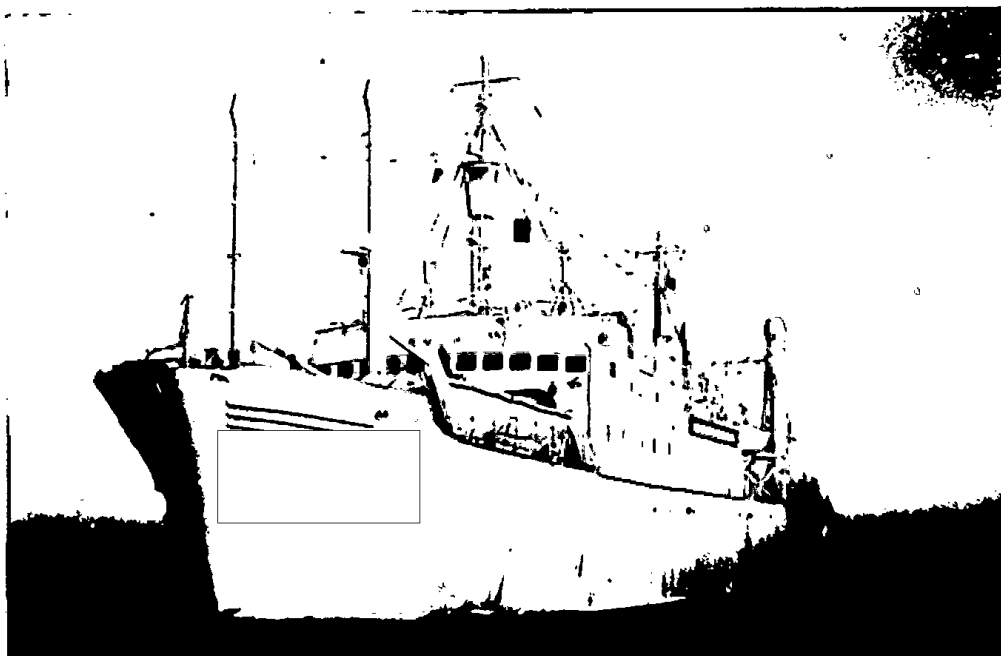
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Volksverke te Stralsund.

Survey photograph of the shipyard in Stralsund







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